Claims

1. A method of combining at least two received signals (A, A') of a telecommunication system wherein a first combining algorithm (B1) is processed for providing a resulting signal (S1), characterized in that a second combining algorithm (B2) is processed for providing a second resulting signal (S2), and that the two resulting signals (S1 and S2) are combined, wherein the combination is depending on the two resulting signals (S1, S2).

2. The method of claim 1, characterized in that the quality of the two resulting signals (S1, S2) is estimated.

3. The method of claim 2, characterized in that the estimated quality of the two resulting signals (S1, S2) is used to weight the combination of the two resulting signals (S1 and S2).

4. The method of one of claims 1 to 3, wherein one of the two algorithms (B1) is a temporal reference algorithm and the other one of the two algorithms (B2) is a spatial reference algorithm.

5. The method of one of claims 1 to 4, wherein more than two algorithms (B1, B2) are used.

6. A receiver of a telecommunication system for combining at least two received signals (A, A') wherein a first combining algorithm (B1) is processed for providing a

resulting signal (S1), characterized in that a second combining algorithm (B2) is processed for providing a second resulting signal (S2), and that means are provided for combining the two resulting signals (S1 and S2), wherein the combination depends on the two resulting signals (S1, S2).